CONTENTS OF VOL. CXLI.

ORIGINAL ARTICLES.

Paroxysmal Pulmonary Œdema and its Treatment. By ALFRED STENGEL, M.D. 1

The Control and Treatment of Hypertension and Arteriosclerosis. By HENRY L. ELSNER, M.D. 22

The Tonic Use of Digitalis. By EMILE SCHMOLL, M.D. 35

The Treatment of Typhoid Fever. By FRANK SHERMAN MEARA, M.D. 44

Cholera from a Modern Standpoint. By ALVAH H. DOTY, M.D. . . 67

The Relation of Disease of the Gall-bladder and Biliary Ducts to the Gastric Functions. By JOHN A. LICHTY, M.D. 72

The Dyspepsia of Old Age. By GEO. M. NILES, M.D. 79

The Diagnosis of Tuberculosis of the Bronchial Glands. By HENRY FARNUM STOLL, M.D. 83

Pellagra, with a Report of Two Cases with Necropsy. By PAUL V. ANDERSON, M.D., and WILLIAM G. SPILLER, M.D. 94

The Influence of the Trendelenburg Position on the Quantity of Urine Excreted During Anesthesia. By J. WESLEY BOVÉE, M.D. . . . 106

Multiple Abscesses of the Nasal Submucosa in a Case of Leukemia. By JOSEPH P. TUNIS, A.B., M.D. 109

The Medicinal Treatment of Diabetes Mellitus. By F. FORCHHEIMER, M.D. 157

The Dietetic Treatment of Diabetes Mellitus. By NELLIS B. FOSTER, M.D. 167

A Résumé of Vaccine Therapy. By H. W. STONER, M.D. 186

Malignant Disease as a Problem of Modern Surgery. By JOHN B. DEAVER, M.D. 213

S.M. 11/X/14

The Thenar and Hypothenar Types of Neural Atrophy of the Hand. By J. Ramsay Hunt, M.D. 224

The Association of Suppurative Disease of the Nasal Accessory Sinuses and Acute Otitis Media in Adults. By Cornelius G. Coakley, M.D. 242

The Metabolic Changes in Hematoporphyrinuria not of Drug Origin. By Charles L. Dana, M.D. 247

A Metabolic Study of Myotonia Atrophica. By Ralph Pemberton, M.S., M.D. 253

Chronic Influenza and its Relation to Neuropathy. By Glenn I. Jones, M.D. 267

On the Presence of a Venous Hum in the Epigastrium in Cirrhosis of the Liver. By William Sydney Thayer, M.D. 313

The Diagnosis of Duodenal Ulcer. By William Fitch Cheney, M.D. . 328

Observations on Traumatic Diabetes in Children. By I. A. Abt, M.D., and S. Strouse, M.D. 338

Biot's Breathing. By Lewis A. Conner, M.D. 350

The Myogenic Doctrine of the Cardiac Activity and its Relation to Arrhythmia. By John H. Musser, M.D. 360

The Interrelation of the Organs of Internal Secretion. By R. G. Hoskins, Ph.D. 374

Further Observations on Acetabular Fracture with Intrapelvic or Central Dislocation of the Femoral Head. By William Fuller, M.D. . . 385

Congenital Syphilis of the Heart. By Aldred Scott Warthin, Ph.D., M.D. 398

Personal Experiences with the Use of Salvarsan (Dioxydiamidoarsenobenzol, or "606") in the Treatment of Syphilis. By Hermann Goldenberg, M.D., and David J. Kaliski, M.D. 411

The Therapeutics of Digitalis and its Allies. By Arthur R. Cushny, M.D., F.R.S. 469

Personal Experiences with the Use of Salvarsan (Dioxydiamidoarsenobenzol, or "606") in the Treatment of Syphilis. By Hermann Goldenberg, M.D., and David J. Kaliski, M.D. 485

The Physiology of the Pituitary Gland and the Actions of its Extracts. By Carl J. Wiggers, M.D. 502

Stiff and Painful Shoulders, with Loss of Power in the Upper Extremity. By T. Turner Thomas, M.D. 515

The Interrelation of the Organs of Internal Secretion. By R. G. Hoskins, Ph.D. 535

The Sudden Onset of Paralysis in Pott's Disease without Deformity of the Vertebræ. By Williams B. Cadwalader, M.D. 546

The Pathological Findings in the Parathyroids in a Case of Infantile Tetany. By B. S. Oppenheimer, M.D. 558

Sarcoma of the Vagina. By Joseph McFarland, M.D. 570

Prognosis of Tuberculous Lesions Involving the Whole of or More Than One Lobe. By Joseph Walsh, M.D. 589

The Anatomical Explanation of the Paralysis of the Left Recurrent Laryngeal Nerve Found in Certain Cases of Mitral Stenosis. By George Fetterolf, A.B., M.D., and George William Norris, A.B., M.D. 625

Arneth's Method of Blood Counting—its Prognostic Value in Pulmonary Tuberculosis. By C. L. Minor, M.D., and P. H. Ringer, M.D. . 638

Some Experiences with the Einhorn Duodenal Bucket and a Modified Thread Test. By William Gerry Morgan, A.B., M.D. 649

Researches in Prophylactic and Anaphylactic Medicine. By Leonard K. Hirshberg, A.B., M.D. 659

The Vaccine Treatment of Pyorrhœa Alveolaris. By William R. Williams, M.D. 666

The Results of Medicinal Treatment in Eleven Hundred and Six Cases of Delirium Tremens. By S. Walter Ranson, M.D., Ph.D., and G. D. Scott, M.D. 673

The Cause and Relief of Pain in Duodenal Ulcer. By James Taft Pilcher, M.D. 687

The Complement-fixation Test in the Diagnosis of Gonococcic Infections. By Hans J. Schwartz, M.D., and Archibald McNeil, M.D. . . 693

Pulsations in the Peripheral Veins. By Harold C. Bailey, M.D. . . 709

The Diagnosis of Pellagra. By H. F. Harris, M.D. 715

Vaccine Therapy and a Simplified Opsonic Index. By A. W. Crane, M.D. 724

Myoma of the Uterus, with Special Reference to Degenerative Changes. By John B. Deaver, M.D., and D. B. Pfeiffer, M.D. 781

The Cerebral Forms of Poliomyelitis and their Diagnosis from Forms of Meningitis. By HENRY KOPLIK, M.D. 788

Abscess of the Liver Occurring in Association with or Following Typhoid Fever. By EDMOND M. VON EBERTS, M.D. 803

Irregularity of the Heart and Auricular Fibrillation. By ARTHUR R. CUSHING, M.D. 826

Perforated Ulcer of the Stomach and Duodenum. By GEORGE G. ROSS, M.D. 837

The Cellular Elements of the Blood in Tuberculosis. By BARTON LISLE WRIGHT, M.D., and ROSCOE W. KING 852

Relaxation of the Sacro-iliac Joints as a Cause of Sciatica and Backache. By ROBERT L. PITFIELD, M.D. 855

Pneumococcus Peritonitis. By GEORGE WOOLSEY, M.D. 864

Freud's Psychology in its Relation to the Neuroses. By TRIGANT BURROW, M.D. 873

Fluoroscopy of the Gastro-intestinal Tract. By E. H. SKINNER, M.D. . 883

REVIEWS.

Reviews of Books 114, 275, 430, 594, 742, 889

PROGRESS OF MEDICAL SCIENCES.

Medicine 127, 283, 439, 599, 751, 899
Surgery 132, 288, 444, 604, 757, 901
Therapeutics 138, 293, 450, 609, 762, 906
Pediatrics 143, 299, 453, 613, 767, 912
Obstetrics 146, 301, 456, 616, 770, 917
Gynecology 149, 305, 460, 619, 773, 921
Ophthalmology 152, 776
Otology 308
Laryngology 465, 924
Dermatology 467
Pathology and Bacteriology 154, 310, 622, 778
Hygiene and Public Health 926

CONTENTS.

ORIGINAL ARTICLES.

Myoma of the Uterus, with Special Reference to Degenerative Changes . . . 781

By JOHN B. DEAVER, M.D., LL.D., Surgeon in Chief to the German Hospital; with an Analysis of Cases by D. B. PFEIFFER, M.D., Assistant Pathologist and Surgeon to the Out-patient Department of the German Hospital, Philadelphia.

The Cerebral Forms of Poliomyelitis and Their Diagnosis from Forms of Meningitis 788

By HENRY KOPLIK, M.D., Pediatrist to the Mt. Sinai Hospital; late Attending Physician to the Good Samaritan Hospital, etc., New York.

Abscess of the Liver Occurring in Association with or Following Typhoid Fever 803

By EDMOND M. VON EBERTS, M.D., M.R.C.S. (Eng.), Surgeon to the Out-patient Department of the Montreal General Hospital.

Irregularity of the Heart and Auricular Fibrillation 826

By ARTHUR R. CUSHNY, M.D., F.R.S., Professor of Pharmacology in the University of London, England.

Perforated Ulcer of the Stomach and Duodenum 837

By GEORGE G. ROSS, M.D., Surgeon to the Germantown Hospital; Assistant Surgeon to the German Hospital, Philadelphia.

The Cellular Elements of the Blood in Tuberculosis 852

By BARTON LISLE WRIGHT, M.D., Surgeon U. S. Navy, and ROSCOE W. KING, U. S. Naval Hospital, Las Animas, Colorado.

Relaxation of the Sacro-iliac Joints as a Cause of Sciatica and Backache 855

By ROBERT L. PITFIELD, M.D., Physician to St. Timothy's Hospital, Roxborough; Pathologist to the Germantown Hospital, Philadelphia.

Pneumococcus Peritonitis 864

By GEORGE WOOLSEY, M.D., Surgeon to Bellevue Hospital; Associate Surgeon to the Presbyterian Hospital; Professor of Surgical Anatomy and Clinical Surgery in Cornell University Medical School, New York.

Freud's Psychology in its Relation to the Neuroses 873

By TRIGANT BURROW, M.D., Ph.D., Assistant in Medicine in the Johns Hopkins Medical School, Baltimore.

Fluoroscopy of the Gastro-intestinal Tract 883

By E. H. SKINNER, M.D., Director of the Kansas City X-ray Laboratory, Kansas City, Missouri.

REVIEWS.

American Practice of Surgery. Edited by Joseph D. Bryant, M.D., LL.D., and Albert Buck, M.D. 889
Die Syphilis der Nase, des Halses, und des Ohres (Syphilis of the Nose, the Throat, and the Ear). By Dr. P. H. Gerber. 891
General Bacteriology. By William Dodge Frost, M.D., and Eugene Franklin McCampbell, M.D. 892
A Treatise on Diseases of the Skin. For the Use of Advanced Students and Practitioners. By Henry W. Stelwagon, M.D., Ph.D. . . . 893
The Religio-Medical Masquerade. By Frederick W. Peabody, LL.B. . 894
Induced Cell Reproduction and Cancer. By Hugh Campbell Ross, M.R.C.S., L.R.C.P. 895
Diseases of the Colon and Their Surgical Treatment. By P. Lockhart Mummery, F.R.C.S. (Eng.), B.A., M.B., B.C. (Cantab.) 897
The Ear and its Diseases. By Albert A. Gray, M.D. 898

PROGRESS OF MEDICAL SCIENCE.

MEDICINE.

UNDER THE CHARGE OF

WILLIAM OSLER, M.D., AND W. S. THAYER, M.D.

On the Acquisition of Tolerance to Salvarsan by Treponema Pallidum . 899
Importance of Testing for Isoagglutinins before Transfusion 899
Experimental Sarcoma of the Fowl 900
Salvarsan in Syphilitic Meningitis 900
Meningitis Following Lead Poisoning 901

SURGERY.

UNDER THE CHARGE OF

J. WILLIAM WHITE, M.D., AND T. TURNER THOMAS, M.D.

A Plastic Method of Operation for the Closure of Fistulæ Coming from Internal Organs 901
Concerning the Question of Drainage of the Thorax 902
Clinical and Experimental Investigations Concerning the Function of the Stomach after Gastro-enterostomy and Resection of the Pylorus . 902
The Results and Prospects of Conservative Treatment of Hour-glass Contracture of the Stomach, with a Contribution on the X-ray Diagnosis of the Same 903
The Treatment of Fistulæ with Beck's Bismuth Paste 904
An Experimental and Clinical Study of the Functional Activity of the Kidneys with the Aid of Phenolsulphonaphthalein 904
Operative Treatment of Wounds of the Heart 905
Clinical and Pathological Significance of Obliteration, Carcinoma, and Diverticulum of the Appendix 905

THERAPEUTICS.

UNDER THE CHARGE OF

SAMUEL W. LAMBERT, M.D.

Salvarsan Therapy. An Answer to Ehrlich 906
By-effects of Salvarsan 906
Antihemolytic Action of Arsenic 907
Technique for and Action of Salvarsan 907
Salvarsan in Malaria 908
Experiences with Salvarsan in the Treatment of Syphilis 908
Treatment of Hookworm Disease 908
The Effects of Digitalis upon Irregular Heart Action 910
Hypodermic Injections of the Salicylates in Rheumatism 910
The Treatment of Gout and Rheumatism with Radium 911
The Treatment of Tuberculosis by Deep Muscular Injections of Mercury 911

PEDIATRICS.

UNDER THE CHARGE OF

LOUIS STARR, M.D., AND THOMPSON S. WESTCOTT, M.D.

Purpura in Childhood with Fatal Cerebral Hemorrhage 912
The Recognition of Eosinophilic, Intestinal Crises in Infants . . . 913
Neurasthenia in Older Children 913
A Record of 90 Diphtheria Carriers 914
Etiology of Poliomyelitis 915
Slight General Enlargement of the Thyroid Gland in School Children . 916

OBSTETRICS.

UNDER THE CHARGE OF

EDWARD P. DAVIS, A.M., M.D.

Cesarean Section or Pelvic Section 917
Death after Early Rising in the Puerperal Period 918
Air Embolism During Labor 919
Cesarean Section 919
Perforation of the Uterus and Laceration of the Small Intestine . . . 919
Fatal Mercurial Poisoning from Bichloride Tablets used to Produce Abortion 920

GYNECOLOGY.

UNDER THE CHARGE OF

JOHN G. CLARK, M.D.

A Contribution to the Treatment of Gynecological Bleeding 921
X-ray Treatment of Uterine Hemorrhage 921
The Appendix in Gynecology 922
Compression of the Ureters in Genital Prolapse 922
Ascending Kidney Tuberculosis 923

OTOLOGY.

UNDER THE CHARGE OF

CLARENCE J. BLAKE, M.D.

Operative Opening of the Labyrinth 924
Transillumination of the Mastoid Process from the External Auditory Canal 924
Investigations Concerning Disturbances of Hearing in the Artillery Service 925

HYGIENE AND PUBLIC HEALTH.

UNDER THE CHARGE OF

MILTON J. ROSENAU, M.D.,

Pellagra and its Relation to Maize 926
The Subsequent Health of Children who Drank Milk Containing Tubercle Bacilli 928

VOL.

A
T

PARO
THE
THE
THE
CHOL
THE
THE
THE
PELL
THE
MUL